

**Notice of Allowability**

Application No.

09/342,926

Examiner

Douglas Q. Tran

Applicant(s)

SUMIUCHI, KAZUYOSHI

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE on 5/12/05.
2. ☒ The allowed claim(s) is/are 1-4, 6, 7, 12, 14, and 16 renumbered as 1-9.
3. ☒ The drawings filed on 6/30/99 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 5/12/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

DOUGLAS Q. TRAN  
PRIMARY EXAMINER

*Tran*

***Examiner's amendment***

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Frank L. Cire on Aug. 01 2005.

Please amend the claims 12, 14 and 16 with the following:

12. (Currently amended) A data processing method of compressing a color conversion table for converting input color data to color component data, having a plurality of color component units, said method comprising the steps of:

inputting data of the color conversion table where combinations of plural color component data are arranged by grid points;

sorting the data of the color conversion table so that the data are arranged in according to a sequential ordering of grid point numbers in each color component unit;  
and

compressing the sorted color conversion table,

wherein the compressed color conversion table is expanded and used in a color conversion process.

14. (Currently amended) A ~~computer program product storing a computer~~

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readable medium ~~having~~ storing computer program code for executing a data processing method of compressing a color conversion table for converting input image data to color component data, having a plurality of color component units, said product comprising process procedure codes for:

inputting data of the color conversion table where combinations of plural color component data are arranged by grid points;

sorting the data of the color conversion table so that the data are arranged according to a sequential ordering of grid point numbers in each color component unit; and

compressing the sorted color conversion table,

wherein the compressed color conversion table is expanded and used in a color conversion process.

16. (Currently amended) A computer ~~program having~~ readable medium storing computer-executable program code ~~instructions executable to process an image in~~ accordance with for executing the image processing method of Claim 7 Claim 7.

### ***Information Disclosure Statement***

2. The information disclosure statement (IDS) submitted on 5/12/05 was filed the same time with the mailing date of the RCE. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

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***Allowable Subject Matter***

3. Claims 1-4, 6-7, 12, 14 and 16 are allowed.

Claims 1, 7, 12 and 14 are independent claims.

The following is an examiner's statement of reasons for allowance:

**As to claims 1, 7, 12 and 14**, the reasons for allowance based on the applicant's statement on Remarks filed on 9/20/04 from line 20 of page 2 to line 10 of page 8.

Furthermore, Gandhi (European Patent No. 0 605 892 A1) from IDS cannot overcome the limitations of above independent claims such as "data of the color conversion table are arranged according to a sequential ordering of grid point numbers in each color component unit".

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Douglas Q. Tran whose telephone number is (571) 272-7442 or E-mail address is [douglas.tran@uspto.gov](mailto:douglas.tran@uspto.gov).

Aug. 01, 2005

**DOUGLAS Q. TRAN  
PRIMARY EXAMINER**

